



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

James S. Smith

U.S. Serial No.: 09/929,971

Filed: August 15, 2001

For: HIGH SPEED ROTOR

Group Art Unit: 2834

Examiner: Leda T. Pham

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Washington, D.C. 20231

March 11, 2003

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, OR OTHER INFORMATION

The patents, publications, and other information submitted for consideration by the Office (except U.S. patent applications) are listed on Form PTO-1449, attached hereto.

II. COPIES

a. X Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, except that no copy of a U.S. patent application is included.

b. Any patents, publications or other information which are listed on PTO-1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. Except as may be indicated below in (b), all of the patents, publications or other information are in the English language (concise explanation not required).

b. A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. §1.98(a)(3)):

c. The following additional information is provided for the Examiner's consideration.
 Three U.S. published applications are submitted herewith and correspond to EP 1249919A1, which is a French language document.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

<u>Serial No.</u>	<u>Filing Date</u>	<u>Art Unit</u>
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V. THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)

a. within three months of the filing date of a national application (37 C.F.R. §1.97(b)(1)). No fee or certification is required.

b. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or certification is required.

c. before the mailing date of a first Office action on the merits (37 C.F.R. §1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. §1.97(c) and see the certification under 37 C.F.R. §1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. §1.17(p).

VI. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c): (check one box)

- before the mailing date of either a Final Office Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311.

a. No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. §1.17(p).

b. See the certification below. No fee is required.

VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d): (check one box)

- after the mailing date of either a Final Office Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, yet on or before payment of the issue fee.
- a. See the certification below and the petition requesting consideration of the IDS attached hereto. A fee in the amount of \$240.00 is required by 37 C.F.R. §1.17(p).

VIII. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)

The undersigned hereby certifies that:

- a. each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. §1.97(e)(1)); or
- b. no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement (See 37 C.F.R. §1.97(e)(2)).
- c. Some of the items of information were cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this statement.

IX. PAYMENT OF FEES (check one box)

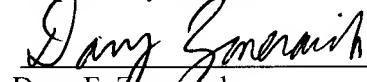
- A check in the amount of \$240.00 is enclosed for the above-identified fee.
- Please charge Deposit Account No. 14-1263 in the amount of \$240.00 for the above-indicated fee. A triplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, the Examiner is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 14-1263.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. §1.17 to Deposit Account No. 14-1263.

Respectfully submitted,



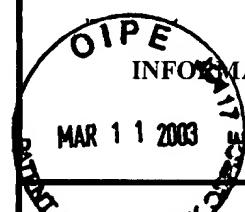
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Attorney Docket No. 102362-003 USB3

Enclosures: PTO-1449
 PTO-892
 References
 Foreign Search Report
 Fee
 Other:



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 11 2003

Docket Number (Optional) 20776-114 US	Application Number 09/929,971
Applicant(s) James S. Smith	
Filing Date August 15, 2001	Group Art Unit 2834

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0 866 540 A2	9/23/98	EP	H02K1			
	EP 0 582 721 A1	2/16/94	EP	H02K	1/27		
	EP 1 249 919 A1	10/16/02	EP	H02K	1/27		
	JP 02095149 Abstract	4/5/90	Japan	H02K	1/27	✓	

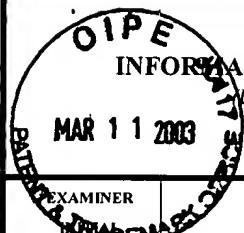
OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	U.S. Patent Application Publication No. US 2002/0121823 A1; 9/5/02; Gauthier corresponding to EP 1249919A1
	U.S. Patent Application Publication No. US 2002/0149281 A1; 10/17/02; Saint Michel et al. corresponding to EP 1249919A1

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 11 2003

Docket Number (Optional)

20776-114 US

Application Number

09/929,971

Applicant(s)

James S. Smith

Filing Date

August 15, 2001

Group Art Unit

2834

EXAMINER

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

U.S. Patent Application Publication No. US 2002/0047425 A1; 4/25/02; Coupart et al. corresponding to EP 1249919A1

EXAMINER

DATE CONSIDERED

***EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**



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Recherchen-
abteilung

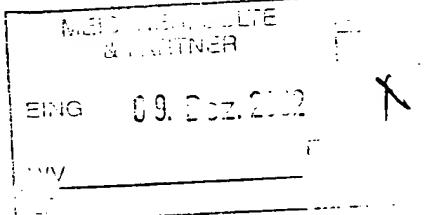
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A
Datum/Date
10.12.02

Zeichen/Ref./Réf. M/BOY-014-EP	Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°. 02018083.2-2207-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire DRS Power & Control Technologies, Inc.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1,2



REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 866 540 A (ELECTRIC BOAT CORP) 23 September 1998 (1998-09-23) * column 3, line 53 - line 55; claim 1; figures 1,5 * ---	1-5, 10, 11, 13, 14, 18, 20-23	H02K1/27
X	US 5 162 686 A (ROYER LAURENT) 10 November 1992 (1992-11-10)	1, 3, 4	
Y	* figure 1 *	10	
X	EP 0 582 721 A (FANUC LTD) 16 February 1994 (1994-02-16)	20, 28	
Y	* column 2, line 33 - line 43; figures 1-3 * ---	10	
E	EP 1 249 919 A (LEROY SOMER MOTEURS) 16 October 2002 (2002-10-16) * figures 17, 18 *	1, 3, 4	
X	US 5 091 668 A (BENDAHMANE BOUZIANE ET AL) 25 February 1992 (1992-02-25) * figures 1,4 *	1, 3, 4, 20-23, 28	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 297 (E-0945), 27 June 1990 (1990-06-27) & JP 02 095149 A (MATSUSHITA ELECTRIC WORKS LTD), 5 April 1990 (1990-04-05) * abstract * -----	2, 11	H02K
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	BERLIN	27 November 2002	Roy, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 01 8083

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-11-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			EP	0866540 A2	23-09-1998
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US 5162686	A	10-11-1992	FR	2655214 A1	31-05-1991
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			EP	0431514 A1	12-06-1991

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27-11-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5091668	A	ES 2050917 T3 JP 4340340 A	01-06-1994 26-11-1992
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